

# THRSP Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21996a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q92748</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB54698
<b>Calculated MW</b>	16561

## Additional Information

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<b>Gene ID</b>	7069
<b>Other Names</b>	Thyroid hormone-inducible hepatic protein, Spot 14 protein, S14, SPOT14, THRSP
<b>Target/Specificity</b>	This THRSP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 18-48 amino acids from human THRSP.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	THRSP Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	THRSP
<b>Function</b>	Plays a role in the regulation of lipogenesis, especially in lactating mammary gland. Important for the biosynthesis of triglycerides with medium-length fatty acid chains. May modulate lipogenesis by interacting with MID1IP1 and preventing its interaction with ACACA (By similarity). May function as transcriptional coactivator. May modulate the transcription factor activity of THRB.

**Cellular Location**

Nucleus. Cytoplasm

**Tissue Location**

Mainly expressed in tissues that synthesize triglycerides

**Background**

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Plays a role in the regulation of lipogenesis, especially in lactating mammary gland. Important for the biosynthesis of triglycerides with medium-length fatty acid chains. May modulate lipogenesis by interacting with MID1IP1 and preventing its interaction with ACACA (By similarity). May function as transcriptional coactivator. May modulate the transcription factor activity of THRβ.

**References**

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Grillasca J.-P., et al. FEBS Lett. 401:38-42(1997).

Ota T., et al. Nat. Genet. 36:40-45(2004).

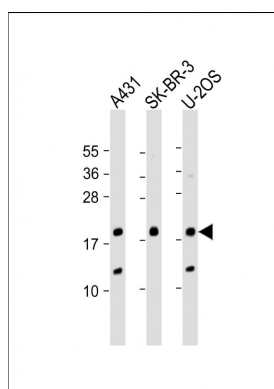
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Chou W.Y., et al. Biochem. Biophys. Res. Commun. 357:133-138(2007).

Chou W.Y., et al. Int. J. Biochem. Cell Biol. 40:1826-1834(2008).

**Images**

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All lanes : Anti-THRSP Antibody (N-Term) at 1:2000 dilution Lane 1: A431 whole cell lysate Lane 2: SK-BR-3 whole cell lysate Lane 3: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 17 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.